

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions and listings of claims in this application.

LISTING OF CLAIMS:

1-12 (Canceled)

13. (New) A hair styling apparatus for contact styling of hair, the hair styling apparatus comprising ;

a pair of pivotally connected handles and a pair of detachable styling members which are connected to un-pivoted ends of said handles,

each said styling member comprising a styling roller, a built-in heater and an electrical adaptor,

wherein each styling roller is rotatable about a longitudinal axis which is substantially orthogonal to the pivotal axis joining said handles, and wherein the styling rollers are rotatable relative to each other upon contact styling of hair, and

wherein said electrical adaptor and said styling roller include a co-operative rotary electrical interfacing connector for supplying operating power to said heater from said electrical adaptor via said rotary electrical interfacing connector as the styling rollers rotate during contact styling of hair.

14. (New) The hair styling apparatus according to claim 13, wherein each styling roller defines a styling surface and the styling surfaces of said styling rollers

are arranged to rotate relative to each other by moving said apparatus along a length of hair during contact styling for continuous hair styling.

15. (New) The hair styling apparatus according to claim 13, wherein each said styling roller comprises a salient styling surface having a plurality of radially protruding teeth,

said handles being pivotally movable between a hair clamping position at which position said styling members are in compressive contact, and a releasing position at which position said styling members are separated,

the salient styling surfaces of said styling rollers being complementary so that, when said handles are held together in said hair clamping position for hair styling operations, the salient surfaces of said styling rollers are in complementary engagement such that hair is clamped between said styling rollers,

wherein said complementary salient surfaces of said styling rollers are caused to rotate relative to each other when said styling rollers are moved along said hair.

16. (New) The hair styling apparatus according to claim 14, wherein each said styling roller comprises a salient styling surface having a plurality of radially protruding teeth,

said handles being pivotally movable between a hair clamping position at which position said styling members are in compressive contact, and a releasing position at which position said styling members are separated,

the salient styling surfaces of said styling rollers being complementary so that, when said handles are held together in said hair clamping position for hair styling

operations, the salient surfaces of said styling rollers are in complementary engagement such that hair is clamped between said styling rollers,

wherein said complementary salient surfaces of said styling rollers are caused to rotate relative to each other when said styling rollers are moved along said hair.

rotate relative to each other when said styling rollers are moved along said hair.

17. (New) The hair styling apparatus according to claim 14, wherein said styling roller comprises a substantially cylindrical barrel with a hair styling surface on the outside of said barrel for cooperative hair styling by the pair of hair styling rollers, and said styling surface being substantially symmetrical about said longitudinal axis about which said styling roller being freely rotatable.

18. (New) The hair styling apparatus according to claim 13, wherein said electrical adaptor comprises rotary-type electrical contacts for interconnection between said heater and the power supply.

19. (New) The hair styling apparatus according to claim 13, wherein said electrical adaptor comprises a bayonet-type connector with a pair of axially extending rigid electrodes, said handle comprising a receptacle at its un-pivoted end for receiving said bayonet-type connector.

20. (New) The hair styling apparatus according to claim 19, wherein said rotary electrical interfacing connector comprises a bush-and-bracket arrangement, said bracket being disposed on said electrical adaptor and said bush being disposed on said styling roller.

21. (New) A hair styling member for attachment to a hair styling apparatus, the hair styling member comprising:

an elongate styling roller having a longitudinal axis and being rotatable thereabout upon contact styling of hair,

a built-in heater for providing heat to the styling surface of the elongate styling roller, and

an electrical adaptor, said electrical adaptor comprising an electrical connector for making an external electrical connection and forming, together with said styling roller, a co-operative rotary electrical interfacing connector,

wherein upon engagement of the styling member with a styling apparatus, the styling roller is rotatable with respect to the hair styling apparatus, and the electrical connector receives operating power from the hair styling apparatus and provides power to said heater via said rotary electrical interfacing connector as said styling roller rotates.

22. (New) The hair styling attachment according to claim 21, wherein said electrical adaptor comprises a bayonet-type connector with a pair of axially extending rigid electrodes for making an external bayonet-type connection, said electrical adaptor further forming part of said rotary electrical interfacing connector on a side away from said bayonet-type connector.

23. (New) The hair styling attachment according to claim 22, wherein said rotary electrical interfacing connector comprises a bush-and-bracket arrangement, said bracket being disposed on said electrical adaptor and said bush being disposed on said styling roller.

24. (New) The hair styling attachment according to claim 21, wherein said styling roller comprises a hollow barrel with a hair styling surface on the outside of said barrel for cooperative hair styling with a counterpart hair styling roller, said hair styling surface is substantially symmetrical about the longitudinal axis of the styling roller and wherein said styling roller is rotatable relative to the other counterpart hair styling roller upon contact styling of hair, and further comprises a main housing covering the longitudinal ends and a substantial circumferential portion of said styling roller, the un-covered surface of the styling roller being for hair styling, said styling roller being supported by said main housing in a cradle-like manner.

25. (New) The hair styling attachment according to claim 24, wherein a bayonet-type electrical connector protrudes from said main housing for making external electrical connection, said bayonet-type electrical connector being adapted for connection axially along the longitudinal axis of said styling roller.

26. (New) The hair styling attachment according to claim 21, wherein said hair styling surface is substantially symmetrical about the longitudinal axis of the styling roller.

27. (New) The hair styling attachment according to claim 21, wherein the rotary electrical interfacing connector comprises circular rotary contacts on an outer surface of the styling roller and stationary contacts of the adaptor arranged to contact the rotary contacts.